

STATE OF TENNESSEE
AIR POLLUTION CONTROL BOARD
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243



Permit to Construct or Modify an Air Contaminant Source Issued Pursuant to Tennessee Air Quality Act

Date Issued: May 19, 2017

Permit Number:

972353

Date Expires: May 17, 2019

Issued To:

Bristol Metals, LLC

Installation Address:

390 Bristol Metals Road

Bristol

Installation Description:

Three (3) Acid Pickling Tanks for
Stainless Steel Surface Treatment

Emission Source Reference No.

82-0032-02

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations (TAPCR).

CONDITIONS:

1. The application that was utilized in the preparation of this permit is dated December 6, 2016, and signed by Kyle Pennington, President for the permitted facility. If this person terminates employment or is assigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants. TAPCR 1200-03-09-.03(8)

(conditions continued on next page)


TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

2. A report stating the compliance status of this facility with permit **Conditions 3 and 5** shall be submitted by March 31 of every year, beginning in the year 2018. This report shall cover the preceding calendar year and shall include the records as required by **Condition 6**. This report shall be submitted to:

Division of Air Pollution Control
Johnson City Environmental Field Office
2305 Silverdale Road
Johnson City, TN 37601

OR

Adobe Portable Document Format (PDF) Copy
to: APC.JCEFO@tn.gov

TAPCR 1200-03-10-.02(2)(a)

3. In addition to water, the pickling solution within each tank shall only contain nitric acid and hydrofluoric acid. The maximum concentration of nitric acid within the pickling solution shall be ten percent (10%) by weight. The maximum concentration of hydrofluoric acid within the pickling solution shall be four percent (4%) by weight.

TAPCR 1200-03-09-.01(1)(d)

The Technical Secretary or an appointed representative may require proof to show compliance.

4. The maximum capacity of pickling solution for each tank shall not exceed:

Tank ID	Gallons
368	10,000
265	10,000
Large OD	12,000

Exceeding the above listed maximum capacity for any tank or the addition of one or more tanks to this source will require a construction permit.

TAPCR 1200-03-09-.01(1)(d)

The Technical Secretary or an appointed representative may require proof to show compliance.

5. The Large OD tank shall be neither operated nor vented between the hours of 10:00 pm and 6:00 am.

TAPCR 1200-03-03-.03(1)(b)

Compliance with this condition shall be assured by compliance with Condition 6.

6. A log of the start time and end time of each steel pickling batch for the Large OD tank shall be maintained at the source location and kept available for inspection by the Technical Secretary or a designated representative. The log shall be maintained in the following format or an equivalent that readily shows compliance with **Condition 5** of this permit (See example below). All required data, including all required calculations, must be entered in the log no later than seven (7) days from the end of the day for which the data is required. This log must be retained for a period of not less than two (2) years.

Batch Log for the Large OD Tank of Source 82-0032-02 during MM/YYYY

Date	Batch #	Time Pickling Batch Initiated	Time Pickling Batch Ended
1	1		
1	2		
1	n		
...			

*A pickling batch is considered to have been initiated when the material to be treated makes contact with the pickling solution. A pickling batch is considered to have ended once the treated material has been completely removed from the pickling solution.

TAPCR 1200-03-10-.02(2)(a)

7. Nitrogen oxides (NO_x) emitted from this source shall not exceed 14.08 lb/hr on a daily average basis and 53.96 tons/yr.

TAPCR 1200-03-07-.07(2), the application dated December 6, 2016, and the source emissions test performed on May 9, 2016

Compliance with this Condition shall be assured by compliance with Conditions 3, 5, and 6.

8. Hydrogen fluoride (HF) emitted from this source shall not exceed 1.76 lb/hr on a daily average basis and 7.06 tons/yr.

TAPCR 1200-03-07-.07(2), the application dated December 6, 2016, and the source emissions test performed on May 9, 2016

Compliance with this Condition shall be assured by compliance with Conditions 3, 5, and 6.

9. Visible emissions from this source shall not exceed twenty (20) percent opacity, except for one (1) six-minute period in any one (1) hour period and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

TAPCR 1200-03-05-.03(6), TAPCR 1200-03-05-.01(1)

10. This permit is valid only at this location.

TAPCR 1200-03-09-.03(6)

11. This source shall operate in accordance with the terms of this permit and the information submitted in the approved permit application.

TAPCR 1200-03-09-.01(1)(d)

12. This source shall comply with all applicable state and federal air pollution regulations. This includes, but is not limited to, federal regulations published under 40 CFR 63 for sources of hazardous air pollutants and 40 CFR 60, New Source Performance Standards.

TAPCR 1200-03-09-.03(8)

13. This permit shall serve as a temporary operating permit from the date of issuance to the receipt of a standard operating permit, provided that the conditions of this permit and any applicable emission standards are met.

TAPCR 1200-03-09-.02(2)

14. The permittee shall apply for an operating permit within thirty (30) days of initial start-up of this emission source. If construction of the source cannot be completed and an operating permit application filed with the Technical Secretary by the expiration date of this permit, a permit extension request must be submitted in writing at least thirty (30) days prior to the permit expiration date. The application for an operating permit shall be submitted to the Division at the address listed below or by electronic pdf copy via e-mail.

Tennessee Division of Air Pollution Control
William R. Snodgrass Tennessee Tower, 15th Floor
312 Rosa L. Parks Avenue
Nashville, TN 37243

Adobe Portable Document Format (PDF) Copy to:
or Air.Pollution.Control@tn.gov

TAPCR 1200-03-09-.02(1) and (3)

15. The Permittee shall certify the start-up date of the air contaminant source regulated by this permit by submitting **A COPY OF ALL PAGES OF THIS PERMIT,** with the information required in A) and B) of this condition completed, to the Technical Secretary's representatives listed below:

A) DATE OF START-UP: ____ / ____ / ____
month day year

B) Anticipated operating rate: ____ percent of maximum rated capacity

For the purpose of complying with this condition, "start-up" of the modified air contaminant source shall be the date that input material is processed by the Large OD Tank.

The undersigned represents that he/she has the full authority to represent and bind the Permittee in environmental permitting affairs. The undersigned further represents that the above provided information is true to the best of his/her knowledge and belief.

Signature		Date
Signer's name (type or print)	Title	Phone (with area code)

Note: This certification is not an application for an operating permit. At a minimum, the appropriate application form(s) must be submitted requesting an operating permit. The application must be submitted in accordance with the requirements of this permit.

The completed certification shall be submitted to the Division at the address listed below or by electronic pdf copy via email, no later than thirty (30) days after the air contaminant source is started-up.

Tennessee Division of Air Pollution Control
William R. Snodgrass Tennessee Tower, 15th Floor
312 Rosa L. Parks Avenue
Nashville, TN 37243

or Adobe Portable Document Format (PDF)
Copy to: Air.Pollution.Control@tn.gov

TAPCR 1200-03-09-.02(3)(b)

(end of conditions)

The permit application gives the location of this source as 36.541792 Latitude and -82.186098 Longitude.